SAGEM F@ST™ 1400/1440
SAGEM F@ST™ 1400W/1440W

ADSL Modems / Routers





- **Residential and SOHO routers**
- **Integrated ADSL network interface**
- **Eth 10/100BT and USB subscriber interfaces**
- **Wireless (802.11b) integrated Access Point(1)**
- **Firewall**
- **Easy installation**

SAGEM
Technology in Action



SAGEM F@ST™ 1400/1440
SAGEM F@ST™ 1400W/1440W
ADSL Modems / Routers

SAGEM F@st™ 1400 ADSL Internet Gateway products are residential or SOHO routers providing broadband Internet access through ADSL network.



- They allow users to share an ADSL access from their PCs and other terminals such as gaming devices, set top boxes or IP phones through Eth 10/100BT, USB and wireless 802.11b interfaces (for the W versions).

- Compliant with 802.11b specification, SAGEM F@st™ 1400 W/1440 W work as a Wireless Access Points. They offer a 11 Mbps Wireless LAN and an ease of installation to build up a home network without any cabling in the house or the office. The SAGEM F@st™ 1400 W/1440 W also feature a high level of security mechanism: 802.11b standard with extensions (128 bits key encryption and the filtering based on Ethernet MAC address List).

- SAGEM F@st™ 1400 products integrate a built in ADSL interface allowing the IP streams transmission over a single copper pair at 8 Mbps (downstream) and 800 Kbps (upstream).

- The SAGEM F@st™ 1400 range is compatible with the main DSLAM available worldwide and can operate on ADSL over POTS lines (SAGEM F@st™ 1400/1400 W) or ADSL over ISDN lines (SAGEM F@st™ 1440/1440 W).

- SAGEM F@st™ 1400 range offers to the customers a wide array of services:
  - Bridge between the different terminals connected through the Ethernet 10/100BT, USB or Wireless interface
  - Secure Internet Access with authentication, filtering and firewall
  - ATM and IP Quality of Service

- Finally SAGEM F@st™ 1400 products are easy to configure thanks to a user-friendly and comprehensive http interface. A SNMP agent is also availaible.

	SAGEM F@st™ 1400	SAGEM F@st™ 1440	SAGEM F@st™ 1400 W	SAGEM F@st™ 1440 W
ADSL over POTS (Annex A)	✓		✓	
ADSL over ISDN (Annex B)		✓		✓
Wireless LAN (802.11b)			✓	✓

TECHNICAL FEATURES

Interfaces
Network: multimode ADSL
ANSI T1 413 Iss 2
ITU G.992.1 (G.dmt)
SAGEM F@st™ 1400/1400 W: Annex A
SAGEM F@st™ 1440/1440 W: Annex B
User: Ethernet 10/100BT
USB 1.1
802.11b (Wireless Access Point)(1)

Wireless SECURITY(1)
WEP with 64 or 128 bits key
MAC Address Access List

ATM FUNCTIONS
General: AAL-5
UBR, CBR, VBRrt, VBR nrt
Vpi/Vci automatic detection
7 Vcc max
OAM cells
Encapsulations:
RFC 2684/1483 routed (IP/ATM)
RFC 2684/1483 bridge (Eth /ATM)
RFC 2364 (PPPoA)
RFC 2516 (PPPoE)

PPP FUNCTIONS
PAP/CHAP
Two simultaneous PPPoE sessions
PPPoE client termination
PPPoE session passthrough

IP FUNCTIONS
General: NAT/PAT
DHCP client and server
DNS relay
Routing: Static routing
RIP V1 and V2
Firewall: Address, port and protocol filtering
Statefull Packets Inspection
ALG: Peer-to-Peer
Netmeeting
MSN Messenger
IRC, ICQ

MANAGEMENT
Software upgrade by FTP
Configuration: http
http Quick config

ELECTRICAL SAFETY
Compliant with EN 60 950
EN 41003

ENVIRONMENT
Operating temperature: 5°C to 45°C
EMC: 89/336EEC
EN 55022 Class B
EN 55024

PHYSICAL FEATURES
Size (LxDxH in mm): 60 x 160 x 150
Weight (g): 350

(1) SAGEM F@st™ 1400W/1440W only.

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